Science and engineering profile: Washington

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	16,920	620,140	14
S&E doctorates awarded, 2007	594	31,801	17
Life sciences (%)	29	26	–
Engineering (%)	22	24	–
Social sciences (%)	14	14	–
SEH postdoctorates in doctorate-granting institutions, 2006	1,203	49,201	13
SEH graduate students in doctorate-granting institutions, 2006	7,423	542,073	24
Population, 2008 (thousands)	6,549	308,014	13
Civilian labor force, 2008 (thousands)	3,477	155,366	13
Personal income per capita, 2007 (dollars)	41,203	38,615	11
Federal spending			
Total expenditures, 2007 ($millions)	52,455	2,532,073	16
R&D obligations, 2006 ($millions)	4,039	107,545	8
Total R&D performance, 2006 ($millions)	13,585	335,377	9
Industry R&D, 2006 ($millions)	11,320	243,853	6
Academic R&D, 2007 ($millions)	981	49,406	14
Life sciences (%)	66	60	–
Engineering (%)	11	15	–
Environmental sciences (%)	10	6	–
SBIR awards, 2000–07	1,043	44,157	12
Utility patents issued to state residents, 2008	3,517	77,493	4
Gross domestic product, 2007 ($billions)	311	13,832	14

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

Federal obligations for research and development, by agency and performer: Washington, FY 2006

(Thousands of dollars)

		Performer						
Agency	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	State, local governments	Rank
All agencies	4,039,292	179,977	254,819	2,618,631	642,540	336,227	7,098	8
Department of Agriculture	49,148	33,044	0	0	16,044	60	0	15
Department of Commerce	45,743	37,171	0	35	8,370	37	130	3
Department of Defense	2,654,826	85,122	3,897	2,523,009	42,462	336	0	6
Department of Energy	190,446	11,242	155,783	5,139	17,101	1,050	131	10
Department of Health and Human Services	882,355	5,899	31,170	62,058	446,853	332,035	4,340	8
Department of Homeland Security	63,607	534	60,458	2,151	0	0	464	10
Department of the Interior	7,782	6,684	0	35	579	7	477	16
Department of Transportation	5,135	68	0	1,908	1,139	856	1,164	22
Environmental Protection Agency	7,416	0	0	140	6,684	592	0	15
National Aeronautics and Space Administration	35,218	0	3,511	20,484	10,321	510	392	17
National Science Foundation	97,616	213	0	3,672	92,987	744	0	13
Rank	8	20	9	4	11	5	16	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles."